

LTMS Salmonid Tracking Sub-committee Meeting

Meeting Notes

June 5, 2008
0900 – 1200
Petaluma, CA

I. Meeting Objective: To discuss the present status of the salmonid-tracking project and to plan out the project details for the next year and beyond.

II. Participants:

- a. Tom Keegan (ECORP)
- b. Ellen Johnck (BPC)
- c. Pete LaCivita (Corps)
- d. Allison Bremner (Corps)
- e. David Woodbury (NOAA Fisheries)
- f. Bill Brostoff (Corps) on phone
- g. Christine Boudreau (PoSF) on phone for part of meeting

III. Additions to the agenda

- 1) Notes should be posted on LTMS web site
 - a. As Study Manager, Tom Keegan agreed to disseminate notes.
- 2) Set next meeting
 - Conference call at 1000 hr on June 24, the day prior to next LTMS Science meeting.
- 3) Budget for 2009
 - Likely a Continuing Resolution for 2009. Ellen stated that a \$3M proposal would be made for SF Bay LTMS and \$2M for Delta LTMS.
- 4) Termination date for study
 - Definitely through 2009, possibly into the future depending on analysis of three years. Plus we need to look at south SF Bay. Also, green sturgeon research will likely be a multi-year project.
- 5) Deliverable timetable
 - UC Davis draft 2007/2008 analysis due 9-30-08
 - UC Davis final 2007/2008 report due 12-31-08
- 6) Funding for 2008
 - Although not stated specifically, it sounds like there are plenty of funds in the coffer.

IV. 2008 study update

- A. Receiver deployment and status of receivers*
 - 1. Pete LaCivita – The following monitors were deployed Dec 17-27, 2007 using the standard configuration (anchor and surface buoy): across the

RSRB (21); at Petaluma river mouth (1); at channel markers leading to Petaluma River (2); at San Pablo Bay channel markers (4); and at Richmond Harbor (2).

2. The following fish releases occurred before the initial USACE deployment:

- i. USFWS: 210 Chinook salmon on Dec. 3/5, 2007.
- ii. NOAA: 150 Chinook salmon on Dec. 7.
- iii. NOAA: 150 steelhead on Dec. 14.

The following fish releases occurred after initial USACE deployment:

- iv. USFWS: 210 Chinook salmon on Jan. 18, 2008.
- v. NOAA: 150 Chinook salmon on Jan. 18.
- vi. NOAA: 150 steelhead on Jan. 25.

The following fish releases occurred around/after the USACE acoustic release configuration deployment:

- vii. USACE: 25 Chinook salmon & 25 steelhead on Mar. 4.
- viii. USACE: 25 Chinook salmon & 25 steelhead on Mar. 8

3. Several locations required acoustic releases that were not received until early March. Thus, deployment of monitors at SF-10 (4), SF-11 (4), Raccoon Strait (4), and redeployment of monitors at RSRB shipping lane, and San Pablo Bay channel markers did not occur until early March. Issue with late deployment of monitors with acoustic release configuration (monitors should be deployed in December) was funding related – continuing resolution, compounded by desire to have UC Davis conduct the field work, which did not occur due to budget problems. Additionally, problems have been encountered with the acoustic releases.
4. Tom Keegan – deployed Bay Planning Coalition monitors in early December, 2007: PoSF (5 monitors), PoO (5), PoStockton (3), Mare Island (2), several at SFOBB.

B. Status of data collection*

1. Pete LaCivita – To date, only 5 of 20 monitors deployed with acoustic releases have been successfully retrieved. Some of these have been recovered by the public. We have some data from Alcatraz and Raccoon Strait from the retrieval (in March) of a subset of monitors deployed at those locations. Pete proposes to retrieve all monitors by 2nd to 3rd week of June; this timing will be based on the recent data collected upstream by UC Davis. This measure is to ensure that the tagged fish have passed through the estuary.
2. Tom Keegan – has been downloading data every 6-8 weeks. Plans on removing all monitors during 1st week of July.

C. Status of 2008 data analysis, including comparison with 2007 data

1. On 6-4-08, UC Davis was awarded a contract to conduct an analysis of the 2007/2008 data. The report produced from the FY08 data analysis will be similar to FY07 report, but will also include reanalysis of FY07 data and a comparison analysis of the two years' data. The report will be reviewed

by the subcommittee. Draft report due 9-30-08. Final report due 12-31-08.

V. 2009 Study update

A. Status of the Study Plan

To be prepared by CalFed team. Due to Corps ASAP. Once Bill reviews the plan, he will disseminate for short comment period

Tom expressed a need for a full array of monitors across the Bay Bridge in FY09; David and others agreed.

B. Status of UC Davis providing data analysis

1. See III. C. above.

VI. CalFed Conference poster/presentation

Both a talk and poster will be prepared/presented by the LTMS/BPC effort. Abstracts are due 6-5-08. Allison/Tom/Pete will coordinate. Conference is scheduled for mid-October.

VII. Need for independent reviewer of data analysis/study plan

The group (less Christine who had to leave for another meeting) discussed the proposal of having Dr. Andy Jahn, review the Study Plan. There was general support for this proposal. If acceptable to the LTMS Science group, Andy would be paid with LTMS funds.

VIII. Incorporation of green sturgeon research (especially for juveniles and subadults) into salmonid study array.

Discussed the need to tag/track green sturgeon. Discussed the possible ways to incorporate this new research into the current salmonid effort. No determination was made. UC Davis has submitted to the LTMS Science group a list of several research proposals, most of which involve tagging/tracking.

*A timeline summarizing monitor deployment; data download events, monitor retrieval, and fish releases will be available shortly.